EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8935	(345/156-158,161,163-167).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/24 10:36
L2	1700	(345/163).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/24 10:37
L4	496334	mouse cursor-control$4 (cursor adj control$4) pointing-device (pointing adj device) (w near2 y near2 coordinate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 10:57
L5	31043	((eccentric adj (mass weight)) mass weight) near10 (measurement measur$3 sens$3 detect$3 calculat$4) near10 (spin $4 rotat$3 turn$3 position$2 disposition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 10:59
L6	65103	((eccentric adj (mass weight)) mass weight) near10 (control$4 adjust $3 adjustment alter$3 alteration modify$3 modifies modified fix$3 correct$3 increas$3 decreas$3 compensat$4) near10 (spin$4 rotat$3 turn$3 position$2 disposition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 10:59
L7	12	L1 and L4 and (L5 same L6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 11:10

L8	133	(((measurement measur$3 sens$3 detect$3 calculat $4 read$3) near5 (mass weight) near5 (position $2 rotat$3 disposition location turn$3 spin$4)) and ((control$4 adjust$3 adjustment alter$3 alteration modify$3 modifies modified fix$3 correct$3 increas$3 decreas$3 compensat$4 improv$3 improvement maintain$3) near5 (weight mass) near5 (position$2 location disposition rotat$4 turn $3 spin$4 output force)) and actuat$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 11:23
L9	57	(((measurement measur$3 sens$3 detect$3 calculat $4 read$3) near5 (mass weight) near5 (position $2 rotat$3 disposition location turn$3 spin$4)) and ((control$4 adjust$3 adjustment alter$3 alteration modify$3 modifies modified fix$3 correct$3 increas$3 decreas$3 compensat$4 improv$3 improvement maintain$3) near5 (weight mass) near5 (position$2 location disposition rotat$4 turn $3 spin$4 output force)) and actuat$3 and (hous$3 cover top body moveable)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 11:26
L10	2	(((measurement measur$3 sens$3 detect$3 calculat $4 read$3) near5 (mass weight) near5 (position $2 rotat$3 disposition location turn$3 spin$4)) and ((control$4 adjust$3 adjustment alter$3 alteration modify$3 modifies modified fix$3 correct$3 increas$3 decreas$3 compensat$4 improv$3 improvement maintain$3) near5 (weight mass) near5 (position$2 location disposition rotat$4 turn $3 spin$4 output force)) and actuat$3 and (moveable near5 (hous$3 cover top body lid))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 11:28

L11	2	((Eric near2 Shahoian) (Louis near2 Rosenberg)) and (((measurement measur $3 sens%3 detect$3 calculat$4 read$3) near5 (mass weight) near5 (position$2 rotat$3 disposition location turn $3 spin$4)) and ((control $4 adjust$3 adjustment alter$3 alteration modify $3 modifies modified fix $3 correct$3 increas$3 decreas$3 compensat$4 improv$3 improvement maintain$3) near5 (weight mass) near5 (position$2 location disposition rotat$4 turn $3 spin$4 output force)) and actuat$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/24 11:28
S1	2	("20040183782").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 17:38
S2	22	(("4897582") or ("5184310") or ("5194786") or ("5271290") or ("5555894") or ("5650704") or ("5712725") or ("5734236") or ("5828197") or ("5896076") or ("5952806") or ("6050718") or ("6057753") or ("6171191") or ("6211861") or ("6256011") or ("6353427") or ("6496200") or ("6686901") or ("7024625") or ("20020030663") or ("20040075676")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/04 16:54
S3	1	("6452586").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/19 16:37
S4	1	("6088019").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/19 16:37
S5	8211	(345/156-158,161,163-167).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/19 16:48

S6	34	("3497668" | "3919691" | "4655673" | "4667182" | "4687444" | "4712101" | "4757302" | "4795296" | "4868549" | "5185561" | "5186629" | "5237311" | "5268674" | "5296871" | "5351677" | "5389849" | "5506605" | "5555894" | "5585823" | "5589828" | "5589854" | "5619180" | "5625576" | "5643087" | "5666473" | "5684722" | "5691898" | "5692956" | "5699083" | "5717427" | "5790108" | "5808568" | "5986643").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/19 16:49
S7	8	S2 and ((cover housing top button) near5 (vibrat$4 oscillat$3 haptic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:55
S8	10	S2 and ((cover housing top button) with (vibrat$4 oscillat$3 haptic tactile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:56
S9	499	S5 and ((cover housing top button) near10 (vibrat$4 oscillat$3 haptic tactile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:57
S10	115	S5 and ((cover housing top button) near10 (vibrat$4 oscillat$3 haptic tactile)) and @pd<"20020101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 16:58
S11	84	S5 and ((button) near10 (vibrat$4 oscillat$3 haptic tactile)) and @pd<"20020101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:04
S12	858	S5 and ((measur$3 detect$3 sens$3 determin$3) with (vibrat$4 haptic tactile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:07
S13	46	S5 and ((measur$3 detect$3 sens$3 determin$3) with (vibrat$4 haptic tactile)) and @pd<"19970623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:09

S14	77	S5 and ((measur$3) near10 (vibrat$4 haptic tactile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:16
S15	88	S5 and ((measur$3) with (vibrat$4 haptic tactile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:17
S16	11	S15 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:17
S17	0	S1 and (actuat$3 same sens$3 same (measur$3 measurement) same rotat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:28
S18	2	S1 and ((measur$3 measurement sens$3) same rotat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:25
S19	0	S1 and ((measur$3 measurement) same rotat $4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:26
S20	8	(("6717573") or ("6243078") or ("6211861") or ("6353427") or ("6088019")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/19 17:27
S21	0	S20 and (actuat$3 same sens$3 same (measur$3 measurement) same rotat $4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:28
S22	1	S20 and ((measur$3 measurement) same rotat $4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 17:28
S23	8211	(345/156-158,161,163-167).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 15:46

S24	71	S23 and ((detach$4 remov$4 open$3) with (cover$3 top housing lid) with hinge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 22:40
S25	540	345/163-166.ccls. and ((detach$4 remov$4 open$3) with (cover$3 top housing lid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 22:41
S26	144	345/163-166.ccls. and ((detach$4 remov$4 open$3) with (cover$3 top housing lid)) and @pd<"20010101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 22:43
S27	71	345/163-166.ccls. and ((detach$4 remov$4) with (cover$3 top housing lid)) and @pd<"20010101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/19 22:43
S28	2	("20040183782").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 15:27
S29	0	S28 and (measur$5 near5 rotat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 15:30
S30	0	S28 and (measur$5 with rotat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 15:30
S31	8668	(345/156-158,161,163-167).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 15:46
S32	76	S31 and (((rotat$3 spin$4) near5 (mass weight)) with (vibrat$3 haptic feedback))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 15:48
S33	2	("6211861").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 15:52

S34	2	("6088019").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 15:54
S35	107	("3875488" | "3919691" | "4436188" | "4477043" | "4604016" | "4782327" | "4794384" | "4795296" | "4800721" | "4839838" | "4861269" | "4868549" | "4896554" | "4906843" | "4935728" | "4949119" | "4961038" | "4983901" | "5044956" | "5065145" | "5076517" | "5095303" | "5103404" | "5107080" | "5107262" | "5116180" | "5139261" | "5146566" | "5184319" | "5185561" | "5186629" | "5189355" | "5193963" | "5197003" | "5203563" | "5220260" | "5223776" | "5235868" | "5264768" | "5275565" | "5286203" | "5296871" | "5313230" | "5354162" | "5355148" | "5381080" | "5396266" | "5398044" | "5405152" | "5414337" | "5451924" | "5457479" | "5459382" | "5471571" | "5473235" | "5473344" | "5491477" | "5512919" | "5513100" | "5530455" | "5565887" | "5576727" | "5583407" | "5589828" | "5589854" | "5596347" | "5625576" | "5642469" | "5643087" | "5656901" | "5666138" | "5666473" | "5691747" | "5691898" | "5694013" | "5709219" | "5714978" | "5721566" | "5724278" | "5734373" | "5736978" | "5745715" | "5754023" | "5755577" | "5757358" | "5760764" | "5767839" | "5771037" | "5781172" | "5790108" | "5802353" | "5805140" | "5805165" | "5808601" | "5808603" | "5823876" | "5825308" | "5831408" | "5844392" | "5877748" | "5880714" | "5889670" | "5912661" | "5944151" | "5956484" | "5959613" | "5990869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:54
S36	8668	(345/156-158,161,163-167).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 16:55

S37	58	S36 and mouse and ((haptic vibrat$4) with ((lid cover$3 hous$3) near10 (movable moveable mov$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:13
S38	31	S36 and mouse and ((haptic vibrat$4) with ((lid cover$3 hous$3) near10 (movable moveable mov$3))) and (rotat$4 near10 (mass weight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:35
S39	169007	(mouse input position coordinate).ab. and ((rotat$4 rotar$3) near5 (mass weight force output haptic actuat$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:37
S40	1132	S36 and ((rotat$4 rotar $3 intertial) near5 (mass weight force output haptic actuat$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:51
S41	8	(("6717573") or ("6243078") or ("6211861") or ("6353427") or ("6088019")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 17:39
S42	4	S41 and ((detect$3 measur $3 sens$3) near5 (rotat $3 rotation$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:47
S43	5	S41 and ((hous$3 cover$3 lid) with (mov$3 movable moveabl) with (((rotat$3 rotatable rotary rotation $3) near5 (force actuat $4 output feedback)) haptic vibrat$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:49
S44	2	("20040183782").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 17:49
S45	1	S44 and ((hous$3 cover$3 lid) with (mov$3 movable moveabl) with (((rotat$3 rotatable rotary rotation $3) near5 (force actuat $4 output feedback)) haptic vibrat$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:50

S46	253	S36 and ((rotat$4 rotar$3 intertial) near3 (mass weight force output haptic actuat$3)) and ((cover$3 hous$3 lid) near5 (vibrat$3 vibration$3 haptic mov$3 movable moveable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 07:17
S47	1705	(((rotat$4 rotar$3 intertial) near3 (mass weight force output haptic actuat$3)) and ((cover$3 hous$3 lid) near5 (vibrat$3 vibration$3 haptic mov$3 movable moveable))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 17:55
S48	14	(((rotat$4 rotar$3 intertial) near3 (mass weight force output haptic actuat$3)) and ((cover$3 hous$3 lid) near5 (vibrat$3 vibration$3 haptic mov$3 movable moveable)) and (mouse (cursor near control$4) "input device")).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/04 18:03
S49	8676	(345/156-158,161,163-167).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/05 07:17
S50	253	S49 and ((rotat$4 rotar$3 intertial) near3 (mass weight force output haptic actuat$3)) and ((cover$3 hous$3 lid) near5 (vibrat$3 vibration$3 haptic mov$3 movable moveable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 07:23
S51	154	S49 and ((rotat$4 rotar$3 intertial) near3 (mass weight force output haptic actuat$3)) and ((cover$3 hous$3 lid) near5 (vibrat$3 vibration$3 haptic mov$3 movable moveable)) and ((haptic force) near3 (output feedback))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 07:24

| S52 | 68 | ("2972140" \| "3157853" \| "3220121" \| "3497668" \| "3517446" \| "3623064" \| "3902687" \| "3903614" \| "3911416" \| "4127752" \| "4160508" \| "4236325" \| "4262549" \| "4333070" \| "4464117" \| "4484191" \| "4513235" \| "4581491" \| "4599070" \| "4708656" \| "4713007" \| "4794392" \| "4885565" \| "4891764" \| "4930770" \| "4934694" \| "5019761" \| "5022384" \| "5022407" \| "5035242" \| "5038089" \| "5078152" \| "5165897" \| "5175459" \| "5186695" \| "5212473" \| "5240417" \| "5271290" \| "5275174" \| "5283970" \| "5299810" \| "5309140" \| "5334027" \| "5436622" \| "5437607" \| "5466213" \| "5547382" \| "5575761" \| "5650704" \| "5690582" \| "5766016" \| "5785630" \| "5973678" \| "6020875" \| "6088017" \| "6111577" \| "6147674" \| "6160489" \| "6171191" \| "6275213" \| "6422941" \| "6424333" \| "6468158").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/05 07:30 |
| S53 | 107 | ("3875488" \| "3919691" \| "4436188" \| "4477043" \| "4604016" \| "4782327" \| "4794384" \| "4795296" \| "4800721" \| "4839838" \| "4861269" \| "4868549" \| "4896554" \| "4906843" \| "4935728" \| "4949119" \| "4961038" \| "4983901" \| "5044956" \| "5065145" \| "5076517" \| "5095303" \| "5103404" \| "5107080" \| "5107262" \| "5116180" \| "5139261" \| "5146566" \| "5184319" \| "5185561" \| "5186629" \| "5189355" \| "5193963" \| "5197003" \| "5203563" \| "5220260" \| "5223776" \| "5235868" \| "5264768" \| "5275565" \| "5286203" \| "5296871" \| "5313230" \| "5354162" \| "5355148" \| "5381080" \| "5396266" \| "5398044" \| "5405152" \| "5414337" \| "5451924" \| "5457479" \| "5459382" \| "5471571" \| "5473235" \| "5473344" \| "5491477" \| "5512919" \| "5513100" \| "5530455" \| "5565887" \| "5576727" \| "5583407" \| "5589828" \| "5589854" \| "5596347" \| "5625576" \| "5642469" \| "5643087" \| "5656901" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/05 07:52 |

		"5666138" | "5666473" | "5691747" | "5691898" | "5694013" | "5709219" | "5714978" | "5721566" | "5724278" | "5734373" | "5736978" | "5745715" | "5754023" | "5755577" | "5757358" | "5760764" | "5767839" | "5771037" | "5781172" | "5790108" | "5802353" | "5805140" | "5805165" | "5808601" | "5808603" | "5823876" | "5825308" | "5831408" | "5844392" | "5877748" | "5880714" | "5889670" | "5912661" | "5944151" | "5956484" | "5959613" | "5990869").PN.				
S54	74	(mouse (((cursor adj control$4) input coordinate position) adj2 device)).ab. and ((haptic force) with (detect$3 sens$3 measur$3) with (rotat$4 rotation$3 position$3 displacement speed) with (mass weight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:20
S55	40	S49 and ((haptic force) with (detect$3 sens$3 measur$3) with (rotat$4 rotation$3 position$3 displacement speed) with (mass weight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:23
S56	76	S49 and ((haptic force vibration$3 vibrat$3) with (detect$3 sens$3 measur$3) with (uniform $5 constant consistan$5 consisten$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:29
S57	51	S49 and ((haptic force vibration$3 vibrat$3) near5 (detect$3 sens$3 measur$3)) same ((haptic force vibration$3 vibrat $3) near5 (uniform$5 constant consistan$5 consisten$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:37
S58	249	S49 and (((haptic vibration$3 vibrat$3) near10 (detect$3 sens$3 measur$3)) same ((haptic force vibration$3 vibrat $3) near5 (control$4 output$3 chang$3 updat$3 alter$3 increas$3 decreas $3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/05 08:56

| S59 | 202 | S49 and (((haptic vibration$3 vibrat$3) near5 (detect$3 sens$3 measur$3)) same ((haptic force vibration$3 vibrat $3) near5 (control$4 output$3 chang$3 updat$3 alter$3 increas$3 decreas $3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 09:59 |
| S60 | 8 | (sensor$3 and actuator$3 and rotat$4 and mass and accelerat$3 and ((measur $3 determin$3) near5 (amount position location rotat$3)) and hous$3).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 10:01 |

4/24/08 12:25:59 PM
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